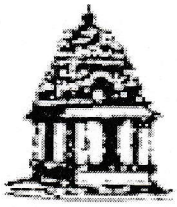

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE.

DIVISION: BYATARAYANAPURA.

SUB DIVISION: VIDYARANYAPURA.

PRE-MEASUREMENT

5TH AND PART BILL

Name of Work: *Package No. 06 (Consists of 14 Works).*

Est Cost: 1500.00 Lakhs

Work Order: BBMP/EE/BTP/WO/76/2022-23 Dated: 24-11-2022.

Agency: M/s. SMLP Asphalts Prop: Sri B.B. Umesha

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	1	10-01-2023
Item Name	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead I By Manual Means B Cement Concrete Grade M-15 & M-20	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :									
CULVERTS									
1	13th Main road-7th Cross road Jun	1	8.00	1.40	1.40	1.40	0.25	2.80	
2	13th Main road-6th Cross road Jun	1	9.00	1.40	1.40	1.40	0.25	3.15	
3	13th Main road-5th Cross road Jun	1	7.00	1.40	1.40	1.40	0.25	2.45	
4	13th Main road-4th Cross road Jun	1	8.00	1.40	1.40	1.40	0.25	2.80	
5	13th Main road-3rd Cross road Jun	1	8.00	1.40	1.40	1.40	0.25	2.80	
6	13th Main road-2nd main road Jun	1	11.00	1.40	1.40	1.40	0.25	3.85	
7	14th Main road-8th main road Jun	1	7.50	1.40	1.40	1.40	0.25	2.63	
Executed Quantity								**20.48**	**Cum**
Quantity carried to summary of 5th RA bill								**20.48**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	2	
Item Name	Removing and refixing stone slabs of drains and pointing in CM (1:3) (Data Rate)	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :				13-01-2023						
Reseting Slab drain										
8th main road, (HMT LAYOUT 3rd Block)										
LHS	0.00	30.00	1	30.00			1.35		40.50	
	30.00	60.00	1	30.00			1.35		40.50	
	90.00	120.00	1	30.00			1.35		40.50	
	150.00	180.00	1	30.00			1.35		40.50	
	180.00	206.00	1	26.00			1.35		35.10	
8th main road, (HMT LAYOUT 3rd Block)										
RHS	0.00	30.00	1	30.00			1.35		40.50	
	30.00	60.00	1	30.00			1.35		40.50	
	90.00	120.00	1	30.00			1.35		40.50	
	120.00	150.00	1	30.00			1.35		40.50	
	180.00	207.30	1	27.30			1.35		36.86	
Executed Quantity									**395.96**	**Cum**
Quantity carried to summary of 5th RA bill									**395.96**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	3	
Item Name	Removing and refixing of footpath Slab (Data Rate)	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :				18-01-2023						
Resting of Covering Slabs										
13TH MAIN ROAD HMT LAYOUT From Durga Layout Enterance										
RHS	0.00	30.00	1	30.00	0.90	0.90	0.90		27.00	
	30.00	60.00	1	30.00	0.90	0.90	0.90		27.00	
	90.00	120.00	1	30.00	0.90	0.90	0.90		27.00	
	120.00	150.00	1	30.00	0.90	0.90	0.90		27.00	
	150.00	150.00	1	30.00	0.90	0.90	0.90		27.00	
	150.00	160.00	1	10.00	0.90	0.90	0.90		9.00	
Executed Quantity									**144.00**	**Cum**
Quantity carried to summary of 5th RA bill									**144.00**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	4	30-01-2023

Item Name: Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :									
Earth Work For Rcc Drain									
10th Cross Road 3RD CROSS ROAD HMT LAYOUT									
LHS									No Work
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	10.30	1.10	1.10	1.10	1.10	12.46
RHS			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	9.40	1.10	1.10	1.10	1.10	11.37
13TH MAIN ROAD HMT LAYOUT From Durga Layout Enterance									
RHS			1	15.00	1.10	1.10	1.10	1.10	18.15
			1	17.60	1.10	1.10	1.10	1.10	21.30

SL No	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
			1	17.50	1.10	1.10	1.10	1.10	21.18	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	17.60	1.10	1.10	1.10	1.10	21.30	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	17.50	1.10	1.10	1.10	1.10	21.18	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	17.50	1.10	1.10	1.10	1.10	21.18	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	13.70	1.10	1.10	1.10	1.10	16.58	
14TH MAIN 1ST BLOCK HMT LAYOUT										
RHS			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	16.10	1.10	1.10	1.10	1.10	19.48	
14TH MAIN 1ST BLOCK HMT LAYOUT										
LHS			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	2.10	1.10	1.10	1.10	1.10	2.54	
			1	8.00	1.10	1.10	1.10	1.10	9.68	
			1	7.20	1.10	1.10	1.10	1.10	8.71	
RHS			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	2.10	1.10	1.10	1.10	1.10	2.54	
8th Main road 1st block HMT layout Vidyaranyapura - Thindlu Road										
LHS			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	8.30	1.10	1.10	1.10	1.10	10.04	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	14.20	1.10	1.10	1.10	1.10	17.18	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	10.20	1.10	1.10	1.10	1.10	12.34	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.30	1.10	1.10	1.10	1.10	18.51	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	

SL No	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
			1	17.50	1.10	1.10	1.10	1.10	21.18	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	17.60	1.10	1.10	1.10	1.10	21.30	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	17.50	1.10	1.10	1.10	1.10	21.18	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	17.50	1.10	1.10	1.10	1.10	21.18	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	13.70	1.10	1.10	1.10	1.10	16.58	
14TH MAIN 1ST BLOCK HMT LAYOUT										
RHS			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	16.10	1.10	1.10	1.10	1.10	19.48	
14TH MAIN 1ST BLOCK HMT LAYOUT										
LHS			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	2.10	1.10	1.10	1.10	1.10	2.54	
			1	8.00	1.10	1.10	1.10	1.10	9.68	
			1	7.20	1.10	1.10	1.10	1.10	8.71	
RHS			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	2.10	1.10	1.10	1.10	1.10	2.54	
8th Main road 1st block HMT layout Vidyaranyapura - Thindlu Road										
LHS			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	8.30	1.10	1.10	1.10	1.10	10.04	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	14.20	1.10	1.10	1.10	1.10	17.18	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	10.20	1.10	1.10	1.10	1.10	12.34	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.30	1.10	1.10	1.10	1.10	18.51	
			1	15.00	1.10	1.10	1.10	1.10	18.15	
			1	15.00	1.10	1.10	1.10	1.10	18.15	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
			1	15.00	0.45	0.45	0.45	0.45	3.04	
			1	15.00	0.45	0.45	0.45	0.45	3.04	
			1	15.00	0.45	0.45	0.45	0.45	3.04	
			1	15.00	0.45	0.45	0.45	0.56	3.78	
			1	15.00	0.45	0.45	0.45	0.56	3.78	
			1	15.40	0.45	0.45	0.45	0.56	3.88	
CULVERTS										
1	13th Main road-7th Cross road Jun		1	7.50	1.80	1.80	1.80	1.10	14.85	
2	13th Main road-6th Cross road Jun		1	10.60	1.80	1.80	1.80	1.10	20.99	
3	13th Main road-5th Cross road Jun		1	7.50	1.80	1.80	1.80	1.10	14.85	
4	13th Main road-4th Cross road Jun		1	7.50	1.80	1.80	1.80	1.10	14.85	
5	13th Main road-3rd Cross road Jun		1	7.50	1.80	1.80	1.80	1.10	14.85	
6	14th Main road-8th main road Jun		1	8.20	1.80	1.80	1.80	1.10	16.24	
Executed Quantity									**1802.66**	**Cum**
Quantity carried to summary of 5th RA bill									**1802.66**	**Cum**

Contractor Representative

Core Technologies Private Limited

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	8	
Item Name	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			08-03-2023						
10th Cross Road 3RD CROSS ROAD HMT LAYOUT									
LHS									
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	10.30	1.10	1.10	1.10	0.15	1.70	
RHS		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	9.40	1.10	1.10	1.10	0.15	1.55	
13TH MAIN ROAD HMT LAYOUT									
RHS		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	17.60	1.10	1.10	1.10	0.15	2.90	
		1	15.00	1.10	1.10	1.10	0.15	2.48	

S NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	17.60	1.10	1.10	1.10	0.15	2.90	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	17.50	1.10	1.10	1.10	0.15	2.89	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	17.50	1.10	1.10	1.10	0.15	2.89	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	13.70	1.10	1.10	1.10	0.15	2.26	
14TH MAIN 1ST BLOCK HMT LAYOUT										
RHS			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	16.10	1.10	1.10	1.10	0.15	2.66	
14TH MAIN 1ST BLOCK HMT LAYOUT										
LHS			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	2.10	1.10	1.10	1.10	0.15	0.35	
			1	8.00	1.10	1.10	1.10	0.15	1.32	
			1	7.20	1.10	1.10	1.10	0.15	1.19	
RHS			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	2.10	1.10	1.10	1.10	0.15	0.35	
8th Main road 1st block HMT layout Vidyaranyapura - Thindlu Road										
LHS			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	8.30	1.10	1.10	1.10	0.15	1.37	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	14.20	1.10	1.10	1.10	0.15	2.34	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	10.20	1.10	1.10	1.10	0.15	1.68	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.30	1.10	1.10	1.10	0.15	2.52	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	

S NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
			1	7.30	1.10	1.10	1.10	0.15	1.20	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	9.00	1.10	1.10	1.10	0.15	1.49	
8th Main road 1st block HMT layout Vidyaranyapura - Thindlu Road										
RHS			1	26.30	1.20	1.20	1.20	0.15	4.73	
2nd A Cross road from 6th Block BEL Layout										
RHS			1	15.00	1.30	1.30	1.30	0.15	2.93	
			1	15.00	1.30	1.30	1.30	0.15	2.93	
			1	15.00	1.30	1.30	1.30	0.15	2.93	
			1	15.00	1.30	1.30	1.30	0.15	2.93	
			1	2.00	1.30	1.30	1.30	0.15	0.39	
CULVERTS										
1	13th Main road-7th Cross road Jun		1	7.50	1.80	1.80	1.80	0.15	2.03	
2	13th Main road-6th Cross road Jun		1	10.60	1.80	1.80	1.80	0.15	2.86	
3	13th Main road-5th Cross road Jun		1	7.50	1.80	1.80	1.80	0.15	2.03	
4	13th Main road-4th Cross road Jun		1	7.50	1.80	1.80	1.80	0.15	2.03	
5	13th Main road-3rd Cross road Jun		1	7.50	1.80	1.80	1.80	0.15	2.03	
6	14th Main road-8th main road Jun		1	8.20	1.80	1.80	1.80	0.15	2.21	
Executed Quantity									**222.37**	**Cum**
Quantity carried to summary of 5th RA bill									**222.37**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapua Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	9	
Item Name	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			16-03-2023						
For Raft									
10th Cross Road 3RD CROSS ROAD HMT LAYOUT									
LHS									
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	10.30	0.90	0.90	0.90	0.15	1.39
RHS			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	15.00	0.90	0.90	0.90	0.15	2.03
			1	9.40	0.90	0.90	0.90	0.15	1.27
13TH MAIN ROAD HMT LAYOUT									
RHS			1	15.00	0.90	0.90	0.90	0.15	2.03

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	17.50	0.90	0.90	0.90	0.15	2.36	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	17.60	0.90	0.90	0.90	0.15	2.38	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	17.50	0.90	0.90	0.90	0.15	2.36	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	17.50	0.90	0.90	0.90	0.15	2.36	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	13.70	0.90	0.90	0.90	0.15	1.85	
14TH MAIN 1ST BLOCK HMT LAYOUT										
RHS			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	16.10	0.90	0.90	0.90	0.15	2.17	
14TH MAIN 1ST BLOCK HMT LAYOUT										
LHS			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	2.10	0.90	0.90	0.90	0.15	0.28	
			1	8.00	0.90	0.90	0.90	0.15	1.08	
			1	7.20	0.90	0.90	0.90	0.15	0.97	
RHS			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	2.10	0.90	0.90	0.90	0.15	0.28	
8th Main road 1st block HMT layout Vidyaranyapura - Thindlu Road										
LHS			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	8.30	0.90	0.90	0.90	0.15	1.12	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	14.20	0.90	0.90	0.90	0.15	1.92	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	10.20	0.90	0.90	0.90	0.15	1.38	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.30	0.90	0.90	0.90	0.15	2.07	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	7.30	0.90	0.90	0.90	0.15	0.99	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	9.00	0.90	0.90	0.90	0.15	1.22	
8th Main road 1st block HMT layout Vidyaranyapura - Thindlu Road										
RHS			1	26.30	1.20	1.20	1.20	0.15	4.73	
2nd A Cross road from 6th Block BEL Layout										
RHS			1	15.00	1.20	1.20	1.20	0.15	2.70	
			1	15.00	1.20	1.20	1.20	0.15	2.70	
			1	15.00	1.20	1.20	1.20	0.15	2.70	
			1	15.00	1.20	1.20	1.20	0.15	2.70	
			1	2.00	1.20	1.20	1.20	0.15	0.36	
CULVERTS										
1	13th Main road-7th Cross road Jun		1	7.50	1.50	1.50	1.50	0.20	2.25	
2	13th Main road-6th Cross road Jun		1	10.60	1.50	1.50	1.50	0.20	3.18	
3	13th Main road-5th Cross road Jun		1	7.50	1.50	1.50	1.50	0.20	2.25	
4	13th Main road-4th Cross road Jun		1	7.50	1.50	1.50	1.50	0.20	2.25	
5	13th Main road-3rd Cross road Jun		1	7.50	1.50	1.50	1.50	0.20	2.25	
6	14th Main road-8th main road Jun		1	8.20	1.50	1.50	1.50	0.20	2.46	
For Side Wall										
10th Cross Road 3RD CROSS ROAD HMT LAYOUT										
LHS										
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.62	2.79	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.62	2.79	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	10.30	0.15	0.15	0.15	0.61	1.88	
RHS			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.59	2.66	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	9.40	0.15	0.15	0.15	0.60	1.69	
13TH MAIN ROAD HMT LAYOUT										
RHS			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	17.60	0.15	0.15	0.15	0.60	3.17	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	17.50	0.15	0.15	0.15	0.59	3.10	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	17.60	0.15	0.15	0.15	0.59	3.12	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	17.50	0.15	0.15	0.15	0.58	3.05	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	17.50	0.15	0.15	0.15	0.60	3.15	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	13.70	0.15	0.15	0.15	0.59	2.42	
14TH MAIN 1ST BLOCK HMT LAYOUT										
RHS			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	16.10	0.15	0.15	0.15	0.60	2.90	
14TH MAIN 1ST BLOCK HMT LAYOUT										
LHS			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	2.10	0.15	0.15	0.15	0.59	0.37	
			2	8.00	0.15	0.15	0.15	0.58	1.39	
			2	7.20	0.15	0.15	0.15	0.59	1.27	
RHS			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	2.10	0.15	0.15	0.15	0.59	0.37	
8th Main road 1st block HMT layout Vidyaranyapura - Thindlu Road										
LHS			2	15.00	0.15	0.15	0.15	0.58	2.61	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	14.20	0.15	0.15	0.15	0.60	2.56	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	10.20	0.15	0.15	0.15	0.58	1.77	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	15.30	0.15	0.15	0.15	0.60	2.75	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	7.30	0.15	0.15	0.15	0.58	1.27	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	9.00	0.15	0.15	0.15	0.59	1.59	
8th Main road 1st block HMT layout Vidyaranyapura - Thindlu Road										
RHS			2	26.30	0.20	0.20	0.20	0.60	6.31	
2nd A Cross road from 6th Block BEL Layout										
RHS			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	2.00	0.15	0.15	0.15	0.60	0.36	
CULVERTS										
1	13th Main road-7th Cross road Jun		2	7.50	0.30	0.30	0.30	0.75	3.38	
2	13th Main road-6th Cross road Jun		2	10.60	0.30	0.30	0.30	0.75	4.77	
3	13th Main road-5th Cross road Jun		2	7.50	0.30	0.30	0.30	0.75	3.38	
4	13th Main road-4th Cross road Jun		2	7.50	0.30	0.30	0.30	0.75	3.38	
5	13th Main road-3rd Cross road Jun		2	7.50	0.30	0.30	0.30	0.75	3.38	
6	14th Main road-8th main road Jun		2	8.20	0.30	0.30	0.30	0.75	3.69	
Executed Quantity									**434.72**	**Cum**
Quantity carried to summary of 5th RA bill									**434.72**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

AssistantExcecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement Sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	10	
Item Name	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200	

SL. NO.	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On : 16-03-2023								
10th Cross Road 3RD CROSS ROAD HMT LAYOUT								
	LHS		208.30					
	U bar							
	10mm dia	2084	2.15				4480.60	
	0.62kg/m						**2777.97**	Kg
	Distribution bar							
	8mm dia	23	208.25				4789.75	
	0.395kg/m						**1891.95**	Kg
10th Cross Road 3RD CROSS ROAD HMT LAYOUT								
	RHS		208.00					
	U bar							
	10mm dia	2081	2.15				4474.15	
	0.62kg/m						**2773.97**	Kg
	Distribution bar							
	8mm dia	23	208.00				4784.00	
	0.395kg/m						**1889.68**	Kg
13TH MAIN ROAD HMT LAYOUT								
	LHS		206.20					
	U bar							
	10mm dia	2063	2.15				4435.45	
	0.62kg/m						**2749.98**	Kg
	Distribution bar							
	8mm dia	23	206.15				4741.45	
	0.395kg/m						**1872.87**	Kg
13TH MAIN ROAD HMT LAYOUT								
	LHS		40.00					
	U bar							
	10mm dia	401	2.15				862.15	
	0.62kg/m						**534.53**	Kg
	Distribution bar							
	8mm dia	23	39.95				918.85	
	0.395kg/m						**362.95**	Kg
14th Main Road HMT Layout								
	LHS		136.00					
	U bar							
	10mm dia	1361	2.15				2926.15	
	0.62kg/m						**1814.21**	Kg
	Distribution bar							
	8mm dia	23	135.95				3126.85	
	0.395kg/m						**1235.11**	Kg
14th Main Road HMT Layout								
	LHS		136.00					
	U bar							
	10mm dia	1361	2.15				2926.15	

SL. NO.	CHAINAGE Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
	0.62kg/m						**1814.21**	Kg
	Distribution bar							
	8mm dia	23	135.95				3126.85	
	0.395kg/m						**1235.11**	Kg
8th Main Road Vidyaranyapura - Thindlu Road								
	LHS		224.00					
	U bar							
	10mm dia	2241	2.15				4818.15	
	0.62kg/m						**2987.25**	Kg
	Distribution bar							
	8mm dia	23	223.95				5150.85	
	0.395kg/m						**2034.59**	Kg
8th Main Road Vidyaranyapura - Thindlu Road								
	LHS		26.00					
	U bar							
	10mm dia	261	2.15				561.15	
	0.62kg/m						**347.91**	Kg
	Distribution bar							
	8mm dia	23	25.95				596.85	
	0.395kg/m						**235.76**	Kg
2nd A Cross road from 6th Block BEL Layout								
	LHS		62.00					
	U bar							
	10mm dia	621	2.15				1335.15	
	0.62kg/m						**827.79**	Kg
	Distribution bar							
	8mm dia	23	61.95				1424.85	
	0.395kg/m						**562.82**	Kg
Culverts								
			58.50					
	U bar							
	10mm dia	586	2.15				1259.90	
	0.62kg/m						**781.14**	Kg
	Distribution bar							
	8mm dia	18	58.45				1052.10	
	0.395kg/m						**415.58**	Kg
				For Double mat			**2393.44**	
							30342.10	Kg
Executed Quantity							**30.34**	**Tonne**
Quantity carried to summary of 5th RA bill							**30.34**	**Tonne**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	11	
Item Name	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)and as per the Direction of engineer incharge of work	

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				23-03-2023						
Size Stone Masonary										
13TH MAIN ROAD HMT LAYOUT From Durga Layout Enterance										
LHS			1	10.50	0.45	0.45	0.45	0.45	2.13	
			1	12.00	0.45	0.45	0.45	0.50	2.70	
			1	15.00	0.45	0.45	0.45	0.45	3.04	
			1	12.50	0.45	0.45	0.45	0.60	3.38	
			1	10.60	0.45	0.45	0.45	0.45	2.15	
			1	10.50	0.45	0.45	0.45	0.60	2.84	
			1	9.50	0.45	0.45	0.45	0.50	2.14	
			1	10.50	0.45	0.45	0.45	0.45	2.13	
			1	10.40	0.45	0.45	0.45	0.45	2.11	
			1	6.80	0.45	0.45	0.45	0.45	1.38	
			1	7.75	0.45	0.45	0.45	0.55	1.92	
RHS										
			1	9.00	0.45	0.45	0.45	0.45	1.82	
			1	10.90	0.45	0.45	0.45	0.45	2.21	
			1	10.60	0.45	0.45	0.45	0.60	2.86	
			1	12.80	0.45	0.45	0.45	0.45	2.59	
			1	12.60	0.45	0.45	0.45	0.60	3.40	
			1	9.80	0.45	0.45	0.45	0.55	2.43	
			1	10.80	0.45	0.45	0.45	0.45	2.19	
			1	10.50	0.45	0.45	0.45	0.45	2.13	
			1	10.50	0.45	0.45	0.45	0.55	2.60	
			1	11.20	0.45	0.45	0.45	0.50	2.52	
Executed Quantity									**50.63**	**Cum**
Quantity carried to summary of 5th RA bill									**50.63**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	12	
Item Name	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paidseparately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :				29-03-2023						
Vent Bed Concrete										
13TH MAIN ROAD HMT LAYOUT From Durga Layout Enterance										
LHS	0.00	30.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	30.00	60.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	60.00	90.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	90.00	120.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	120.00	150.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	150.00	180.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	180.00	210.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	210.00	240.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	240.00	250.00	1	10.00	0.60	0.60	0.60	0.15	0.90	
Coping Concrete										
13TH MAIN ROAD HMT LAYOUT From Durga Layout Enterance										
LHS	0.00	30.00	2	30.00	0.45	0.45	0.45	0.10	2.70	
	30.00	60.00	2	30.00	0.45	0.45	0.45	0.10	2.70	
	60.00	90.00	2	30.00	0.45	0.45	0.45	0.10	2.70	
	90.00	120.00	2	30.00	0.45	0.45	0.45	0.10	2.70	
	120.00	150.00	2	30.00	0.45	0.45	0.45	0.10	2.70	
	150.00	180.00	2	30.00	0.45	0.45	0.45	0.10	2.70	
	180.00	210.00	2	30.00	0.45	0.45	0.45	0.10	2.70	
	210.00	240.00	2	30.00	0.45	0.45	0.45	0.10	2.70	
	240.00	250.00	2	10.00	0.45	0.45	0.45	0.10	0.90	
CULVERTS Ramp										
1	13th Main road-7th Cross road Jun		2	7.50	0.60	0.60	0.60	0.15	1.35	
2	13th Main road-6th Cross road Jun		2	10.60	0.60	0.75	0.68	0.15	2.15	
3	13th Main road-5th Cross road Jun		2	7.50	0.60	0.90	0.75	0.15	1.69	
4	13th Main road-4th Cross road Jun		2	7.50	0.70	0.90	0.80	0.15	1.80	

SL	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
6	14th Main road-8th main road Jun	2	8.20	0.80	0.90	0.85	0.15	2.09	
Executed Quantity								**55.76**	**Cum**
Quantity carried to summary of 10th RA bill								**55.76**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	16	
Item Name	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
Measurement Recorded On :				06-04-2023						
	10th Cross Road From 3rd Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	150.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	150.00	180.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	180.00	204.50	1	24.50	1.20	1.20	1.20	0.23	6.76	
	Potholes									
			1	8.56	2.10	1.30	1.70	0.23	3.35	
			1	9.25	1.30	1.55	1.43	0.23	3.03	
			1	6.30	1.60	1.80	1.70	0.23	2.46	
			1	4.50	1.80	1.75	1.78	0.23	1.84	
			1	9.60	1.60	1.80	1.70	0.23	3.75	
			1	9.60	1.80	1.75	1.78	0.23	3.92	
			1	8.60	1.20	2.10	1.65	0.23	3.26	
			1	5.00	3.80	3.00	3.40	0.23	3.91	
			1	4.80	4.20	4.00	4.10	0.23	4.53	
	8th Cross Road From 3rd Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	150.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	150.00	180.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	180.00	210.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	Potholes									
			1	6.20	3.20	1.80	2.50	0.23	3.57	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
			1	9.60	2.20	1.75	2.80	0.23	6.18	
			1	8.60	3.20	2.10	2.65	0.23	5.24	
	14th main Road 1st Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	2.00	2.00	2.00	0.23	13.80	
	30.00	36.00	1	6.00	2.00	2.00	2.00	0.23	2.76	
	36.00	60.00	1	24.00	2.00	2.00	2.00	0.23	11.04	
	60.00	90.00	1	30.00	2.00	2.00	2.00	0.23	13.80	
	90.00	120.00	1	30.00	2.00	2.00	2.00	0.23	13.80	
	120.00	150.00	1	30.00	2.00	2.00	2.00	0.23	13.80	
	150.00	16.00	1	16.00	2.00	2.00	2.00	0.23	7.36	
	8th main Road 1st Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	121.00	1	1.00	1.20	1.20	1.20	0.23	0.28	
	121.00	149.00	1	28.00	1.20	1.20	1.20	0.23	7.73	
	Approach		1	30.00	1.20	1.20	1.20	0.23	8.28	
			1	10.00	1.20	1.20	1.20	0.23	2.76	
	Potholes									
			1	9.60	2.80	2.20	2.50	0.23	5.52	
			1	9.60	2.20	1.75	2.80	0.23	6.18	
			1	8.60	3.20	2.10	2.65	0.23	5.24	
			1	9.60	2.80	2.20	2.50	0.23	5.52	
			1	9.60	2.20	1.75	2.80	0.23	6.18	
			1	8.60	3.20	2.10	2.65	0.23	5.24	
Executed Quantity									**327.38**	**Cum**
Quantity carried to summary of 5th RA bill									**327.38**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	19	
Item Name	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406 (PWD SR 21-22 Vol III Pg no 24 Item No 4.27 (A)	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
Measurement Recorded On :				12-04-2023						
	10th Cross Road From 3rd Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	150.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	150.00	180.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	180.00	204.50	1	24.50	1.20	1.20	1.20	0.23	6.76	
	Potholes									
			1	8.56	2.10	1.30	1.70	0.23	3.35	
			1	9.25	1.30	1.55	1.43	0.23	3.03	
			1	6.30	1.60	1.80	1.70	0.23	2.46	
			1	4.50	1.80	1.75	1.78	0.23	1.84	
			1	9.60	1.60	1.80	1.70	0.23	3.75	
			1	9.60	1.80	1.75	1.78	0.23	3.92	
			1	8.60	1.20	2.10	1.65	0.23	3.26	
			1	5.00	3.80	3.00	3.40	0.23	3.91	
			1	4.80	4.20	4.00	4.10	0.23	4.53	
	8th Cross Road From 3rd Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	150.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	150.00	180.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	180.00	210.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	Potholes									
			1	6.20	3.20	1.80	2.50	0.23	3.57	
			1	9.60	2.80	2.20	2.50	0.23	5.52	
			1	9.60	2.20	1.75	2.80	0.23	6.18	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
	14th main Road 1st Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	2.00	2.00	2.00	0.23	13.80	
	30.00	36.00	1	6.00	2.00	2.00	2.00	0.23	2.76	
	36.00	60.00	1	24.00	2.00	2.00	2.00	0.23	11.04	
	60.00	90.00	1	30.00	2.00	2.00	2.00	0.23	13.80	
	90.00	120.00	1	30.00	2.00	2.00	2.00	0.23	13.80	
	120.00	150.00	1	30.00	2.00	2.00	2.00	0.23	13.80	
	150.00	16.00	1	16.00	2.00	2.00	2.00	0.23	7.36	
	8th main Road 1st Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	121.00	1	1.00	1.20	1.20	1.20	0.23	0.28	
	121.00	149.00	1	28.00	1.20	1.20	1.20	0.23	7.73	
	Approach		1	30.00	1.20	1.20	1.20	0.23	8.28	
			1	10.00	1.20	1.20	1.20	0.23	2.76	
	Potholes									
			1	9.60	2.80	2.20	2.50	0.23	5.52	
			1	9.60	2.20	1.75	2.80	0.23	6.18	
			1	8.60	3.20	2.10	2.65	0.23	5.24	
			1	9.60	2.80	2.20	2.50	0.23	5.52	
			1	9.60	2.20	1.75	2.80	0.23	6.18	
			1	8.60	3.20	2.10	2.65	0.23	5.24	
Executed Quantity									**327.38**	**Cum**
Quantity carried to summary of 5th RA bill									**327.38**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	20	
Item Name	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No.502	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				19-04-2023						
	10th Cross Road From 3rd Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20		36.00	
	30.00	60.00	1	30.00	1.20	1.20	1.20		36.00	
	60.00	90.00	1	30.00	1.20	1.20	1.20		36.00	
	90.00	120.00	1	30.00	1.20	1.20	1.20		36.00	
	120.00	150.00	1	30.00	1.20	1.20	1.20		36.00	
	150.00	180.00	1	30.00	1.20	1.20	1.20		36.00	
	180.00	210.00	1	30.00	1.20	1.20	1.20		36.00	
	Potholes									
			1	8.56	2.10	1.30	1.70		14.55	
			1	9.25	1.30	1.55	1.43		13.18	
			1	6.30	1.60	1.80	1.70		10.71	
			1	4.50	1.80	1.75	1.78		7.99	
			1	9.60	1.60	1.80	1.70		16.32	
			1	9.60	1.80	1.75	1.78		17.04	
			1	8.60	1.20	2.10	1.65		14.19	
			1	5.00	3.80	3.00	3.40		17.00	
			1	4.80	4.20	4.00	4.10		19.68	
	ProfileCorrection									
	0.00	30.00	1	30.00	1.20	1.20	1.20		36.00	
	30.00	60.00	1	30.00	1.20	1.20	1.20		36.00	
	60.00	90.00	1	30.00	1.20	1.20	1.20		36.00	
	90.00	120.00	1	30.00	1.20	1.20	1.20		36.00	
	120.00	150.00	1	30.00	1.20	1.20	1.20		36.00	
	150.00	180.00	1	30.00	1.20	1.20	1.20		36.00	
	180.00	210.00	1	30.00	1.20	1.20	1.20		36.00	
	8th Cross Road From 3rd Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20		36.00	
	30.00	60.00	1	30.00	1.20	1.20	1.20		36.00	
	60.00	90.00	1	30.00	1.20	1.20	1.20		36.00	
	90.00	120.00	1	30.00	1.20	1.20	1.20		36.00	
	120.00	150.00	1	30.00	1.20	1.20	1.20		36.00	
	150.00	180.00	1	30.00	1.20	1.20	1.20		36.00	

S NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
	Potholes									
			1	6.20	3.20	1.80	2.50		15.50	
			1	9.60	2.80	2.20	2.50		24.00	
			1	9.60	2.20	1.75	2.80		26.88	
			1	8.60	3.20	2.10	2.65		22.79	
	ProfileCorrection									
	0.00	30.00	1	30.00	1.50	1.50	1.50		45.00	
	30.00	60.00	1	30.00	1.50	1.50	1.50		45.00	
	60.00	90.00	1	30.00	1.50	1.50	1.50		45.00	
	90.00	120.00	1	30.00	1.50	1.50	1.50		45.00	
	120.00	150.00	1	30.00	1.50	1.50	1.50		45.00	
	150.00	180.00	1	30.00	1.50	1.50	1.50		45.00	
	180.00	210.00	1	30.00	1.50	1.50	1.50		45.00	
	14th main Road 1st Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	2.00	2.00	2.00		60.00	
	30.00	36.00	1	6.00	2.00	2.00	2.00		12.00	
	36.00	60.00	1	24.00	2.00	2.00	2.00		48.00	
	60.00	90.00	1	30.00	2.00	2.00	2.00		60.00	
	90.00	120.00	1	30.00	2.00	2.00	2.00		60.00	
	120.00	150.00	1	30.00	2.00	2.00	2.00		60.00	
	150.00	16.00	1	16.00	2.00	2.00	2.00		32.00	
	ProfileCorrection									
	0.00	30.00	1	30.00	1.10	1.10	1.10		33.00	
	30.00	36.00	1	6.00	1.10	1.10	1.10		6.60	
	36.00	60.00	1	24.00	1.10	1.10	1.10		26.40	
	60.00	90.00	1	30.00	1.10	1.10	1.10		33.00	
	90.00	120.00	1	30.00	1.10	1.10	1.10		33.00	
	120.00	150.00	1	30.00	1.10	1.10	1.10		33.00	
	150.00	16.00	1	16.00	1.10	1.10	1.10		17.60	
	8th main Road 1st Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20		36.00	
	30.00	60.00	1	30.00	1.20	1.20	1.20		36.00	
	60.00	90.00	1	30.00	1.20	1.20	1.20		36.00	
	90.00	120.00	1	30.00	1.20	1.20	1.20		36.00	
	120.00	121.00	1	1.00	1.20	1.20	1.20		1.20	
	121.00	149.00	1	28.00	1.20	1.20	1.20		33.60	
	Approach		1	30.00	1.20	1.20	1.20		36.00	
			1	10.00	1.20	1.20	1.20		12.00	
	Potholes									
			1	9.60	2.80	2.20	2.50		24.00	
			1	9.60	2.20	1.75	2.80		26.88	
			1	8.60	3.20	2.10	2.65		22.79	
			1	9.60	2.80	2.20	2.50		24.00	
			1	9.60	2.20	1.75	2.80		26.88	

S NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
	ProfileCorrection									
	0.00	30.00	1	30.00	0.90	0.90	0.90		27.00	
	30.00	60.00	1	30.00	0.90	0.90	0.90		27.00	
	60.00	90.00	1	30.00	1.00	1.00	1.00		30.00	
	90.00	120.00	1	30.00	1.00	1.00	1.00		30.00	
	120.00	121.00	1	1.00	1.00	1.00	1.00		1.00	
	121.00	149.00	1	28.00	1.00	1.00	1.00		28.00	
Executed Quantity									2322.57	Sqm
Quantity carried to summary of 5th RA bill									2322.57	Sqm

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	21	
Item Name	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				19-04-2023						
	10th Cross Road From 3rd Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	120.00	150.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	150.00	180.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	180.00	210.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	Potholes									
			1	8.56	2.10	1.30	1.70	0.05	0.73	
			1	9.25	1.30	1.55	1.43	0.05	0.66	
			1	6.30	1.60	1.80	1.70	0.05	0.54	
			1	4.50	1.80	1.75	1.78	0.05	0.40	
			1	9.60	1.60	1.80	1.70	0.05	0.82	
			1	9.60	1.80	1.75	1.78	0.05	0.85	
			1	8.60	1.20	2.10	1.65	0.05	0.71	
			1	5.00	3.80	3.00	3.40	0.05	0.85	
			1	4.80	4.20	4.00	4.10	0.05	0.98	
	ProfileCorrection									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	120.00	150.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	150.00	180.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	180.00	210.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	8th Cross Road From 3rd Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.05	1.80	

NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
	150.00	180.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	180.00	210.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	Potholes									
			1	6.20	3.20	1.80	2.50	0.05	0.78	
			1	9.60	2.80	2.20	2.50	0.05	1.20	
			1	9.60	2.20	1.75	2.80	0.05	1.34	
			1	8.60	3.20	2.10	2.65	0.05	1.14	
	ProfileCorrection									
	0.00	30.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	30.00	60.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	60.00	90.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	90.00	120.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	120.00	150.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	150.00	180.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	180.00	210.00	1	30.00	1.50	1.50	1.50	0.05	2.25	
	14th main Road 1st Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	30.00	36.00	1	6.00	2.00	2.00	2.00	0.05	0.60	
	36.00	60.00	1	24.00	2.00	2.00	2.00	0.05	2.40	
	60.00	90.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	90.00	120.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	120.00	150.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	150.00	16.00	1	16.00	2.00	2.00	2.00	0.05	1.60	
	ProfileCorrection									
	0.00	30.00	1	30.00	1.10	1.10	1.10	0.05	1.65	
	30.00	36.00	1	6.00	1.10	1.10	1.10	0.05	0.33	
	36.00	60.00	1	24.00	1.10	1.10	1.10	0.05	1.32	
	60.00	90.00	1	30.00	1.10	1.10	1.10	0.05	1.65	
	90.00	120.00	1	30.00	1.10	1.10	1.10	0.05	1.65	
	120.00	150.00	1	30.00	1.10	1.10	1.10	0.05	1.65	
	150.00	16.00	1	16.00	1.10	1.10	1.10	0.05	0.88	
	8th main Road 1st Block HMT Layout									
	Pipe Line Cutting									
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	30.00	60.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	60.00	90.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	90.00	120.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	120.00	121.00	1	1.00	1.20	1.20	1.20	0.05	0.06	
	121.00	149.00	1	28.00	1.20	1.20	1.20	0.05	1.68	
	Approach		1	30.00	1.20	1.20	1.20	0.05	1.80	
			1	10.00	1.20	1.20	1.20	0.05	0.60	
	Potholes									
			1	9.60	2.80	2.20	2.50	0.05	1.20	
			1	9.60	2.20	1.75	2.80	0.05	1.34	

S.. NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
			1	9.60	2.80	2.20	2.50	0.05	1.20	
			1	9.60	2.20	1.75	2.80	0.05	1.34	
			1	8.60	3.20	2.10	2.65	0.05	1.14	
	ProfileCorrection									
	0.00	30.00	1	30.00	0.90	0.90	0.90	0.05	1.35	
	30.00	60.00	1	30.00	0.90	0.90	0.90	0.05	1.35	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	90.00	120.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	120.00	121.00	1	1.00	1.00	1.00	1.00	0.05	0.05	
	121.00	149.00	1	28.00	1.00	1.00	1.00	0.05	1.40	
Executed Quantity									**116.13**	**Cum**
Quantity carried to summary of 5th RA bill									**116.13**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

5th & Part Bill

Item NO	22	
Item Name	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
Measurement Recorded On :				25-04-2023						
	10th Cross Road From 8th Cross 3rd Block HMT Layout									
	0.00	15.00	1	15.00	7.50	6.90	7.20		108.00	
	15.00	30.00	1	15.00	6.90	5.80	6.35		95.25	
	30.00	45.00	1	15.00	5.80	6.30	6.05		90.75	
	45.00	60.00	1	15.00	6.30	6.70	6.50		97.50	
	60.00	75.00	1	15.00	6.70	5.90	6.30		94.50	
	75.00	90.00	1	15.00	5.90	5.80	5.85		87.75	
	90.00	105.00	1	15.00	5.80	7.00	6.40		96.00	
	105.00	120.00	1	15.00	7.00	6.80	6.90		103.50	
	120.00	135.00	1	15.00	6.80	6.50	6.65		99.75	
	135.00	150.00	1	15.00	6.50	5.80	6.15		92.25	
	150.00	165.00	1	15.00	5.80	6.70	6.25		93.75	
	165.00	180.00	1	15.00	6.70	5.50	6.10		91.50	
	180.00	195.00	1	15.00	5.50	6.10	5.80		87.00	
	195.00	199.00	1	4.00	6.10	6.70	6.40		25.60	
	Enterance		1	5.40	6.70	10.00	8.35		45.09	
	Deductions									
	Chambers		-1	1.00			0.70		-0.70	
	Manholes		-2	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-1.28	
	8th A Cross Road From 3rd Block HMT Layout									
	From Dead end to 11th Main									
	0.00	15.00	1	15.00	4.00	4.10	4.05		60.75	
	15.00	29.40	1	14.40	4.10	4.20	4.15		59.76	
	From 11th Main to Culvert									
	0.00	15.00	1	15.00	5.30	4.70	5.00		75.00	
	15.00	30.00	1	15.00	4.70	4.70	4.70		70.50	
	30.00	45.00	1	15.00	4.70	4.70	4.70		70.50	
	45.00	60.00	1	15.00	4.70	5.00	4.85		72.75	
	60.00	75.00	1	15.00	5.00	4.80	4.90		73.50	
	75.00	82.20	1	7.20	4.80	5.40	5.10		36.72	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
	From Culvert to 14th Main									
	0.00	15.00	1	15.00	7.00	6.40	6.70		100.50	
	15.00	30.00	1	15.00	6.40	6.40	6.40		96.00	
	30.00	38.00	1	8.00	6.40	5.50	5.95		47.60	
	From 8th A Cross to Thindlu -Vpura Road									
	0.00	15.00	1	15.00	6.80	6.30	6.55		98.25	
	15.00	30.00	1	15.00	6.30	6.50	6.40		96.00	
	30.00	39.60	1	9.60	6.50	6.50	6.50		62.40	
	Deductions									
	Chambers		-2	1.00			0.70		-1.40	
	Manholes		-4	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-2.56	
	14th main Road From 8th A Cross to Cross									
	0.00	15.00	1	15.00	5.10	5.10	5.10		76.50	
	15.00	30.00	1	15.00	5.10	4.60	4.85		72.75	
	30.00	45.00	1	15.00	4.60	5.00	4.80		72.00	
	45.00	60.00	1	15.00	5.00	4.90	4.95		74.25	
	60.00	75.00	1	15.00	4.90	4.40	4.65		69.75	
	75.00	90.00	1	15.00	4.40	4.40	4.40		66.00	
	90.00	105.00	1	15.00	4.40	4.35	4.38		65.63	
	105.00	120.00	1	15.00	4.35	4.30	4.33		64.88	
	120.00	137.10	1	17.10	4.30	6.40	5.35		91.49	
	Cross Road									
	0.00	15.00	1	15.00	5.30	4.60	4.95		74.25	
	15.00	30.00	1	15.00	4.60	4.90	4.75		71.25	
	30.00	37.50	1	7.50	4.90	5.60	5.25		39.38	
	Deductions									
	Chambers		-3	1.00			0.70		-2.10	
	Manholes		-1	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-0.64	
	8th main Road 1st Block HMT Layout From Durga Temple Road to Post Office									
	0.00	15.00	1	15.00	6.30	4.80	5.55		83.25	
	15.00	30.00	1	15.00	4.80	5.00	4.90		73.50	
	30.00	45.00	1	15.00	5.00	4.75	4.88		73.13	
	45.00	60.00	1	15.00	4.75	4.50	4.63		69.38	
	60.00	75.00	1	15.00	4.50	4.60	4.55		68.25	
	75.00	90.00	1	15.00	4.60	4.70	4.65		69.75	
	90.00	105.00	1	15.00	4.70	4.70	4.70		70.50	
	105.00	120.00	1	15.00	4.70	4.50	4.60		69.00	
	120.00	135.00	1	15.00	4.50	4.50	4.50		67.50	
	135.00	150.00	1	15.00	4.50	4.40	4.45		66.75	
	150.00	165.00	1	15.00	4.40	4.50	4.45		66.75	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
	165.00	180.00	1	15.00	4.50	4.90	4.70		70.50	
	180.00	195.00	1	15.00	4.90	4.80	4.85		72.75	
	195.00	210.40	1	15.40	4.80	6.60	5.70		87.78	
	Deductions									
	Chambers		-1	1.00			0.70		-0.70	
	Manholes		-1	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-0.64	
Executed Quantity									**4154.89**	**Cum**
Quantity carried to summary of 5th RA bill									**4154.89**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97